ABSTRACT

An automatic programming method includes a first processing including detecting a turning surface having a largest diameter in the product model, and determining a central axis of rotation on the turning

5   surface detected as a turning axis of the product model; a second processing including shifting or rotating the product model so that the turning axis of the product model determined matches a turning axis of the work model; and a third processing including shifting the product model so that an end face of the product model shifted at the second

10   processing matches a program origin preset in the work model, for automatically arranging the product model so as to be overlapped on the work model.